



# CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

June 1996

## February 1996

This bulletin covers 27 agricultural industries in the state of California. The number of industries ranges from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

**NOTE:** Data in this bulletin are now available electronically through a personal computer and modem. Our Labor Market Information Division's new bulletin board system, LMI On-Line, can be accessed by dialing (916) 262-2BBS (262-2227).

California's agricultural employment level totaled 296,100 in February 1996, 6,200 more than the January 1996 level of 289,900. Agricultural employment levels increased in the South Coast, Central Coast, and North Coast regions from the previous month, decreased in the San Joaquin Valley region, and remained flat in the Desert and Sacramento Valley regions. (Tables 1-A through 7-A.)

---

---

### Wage and Salary Workers in Agricultural Establishments For February 1996 (In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	296.1	139.7	54.7	34.7	34.5	18.5	11.2
Total Crops	152.6	60.4	37.7	21.4	13.3	12.5	8.4
Total Livestock	24.7	13.8	1.9	1.1	4.9	1.8	1.5
Total Services	118.8	65.5	15.1	12.2	16.3	4.2	1.3

Source: Tables 1-A through 7-A.

---

---

The employment figures for February 1996 show that 47% of the state's agricultural workers were employed in the San Joaquin Valley region. The South Coast region employed 19% of the state's agricultural employees. The Central Coast and Desert regions each employed 12% of the agricultural workers in the state. Six percent of the state's agricultural employees were employed in the Sacramento Valley region, while the North Coast region employed 4%.

#### CHANGES FROM ONE YEAR AGO

California's February 1996 agricultural employment level was 8,700 higher than the prior year's level of 287,400, an increase of 3%. (Table 1-A.)

Production workers statewide earned an average of \$6.80 per hour in February 1996, one cent lower than the February 1995 level of \$6.81. (Table 1-E.)

#### REGIONAL CROP ACTIVITIES

Regional crop activities are not available. The source document for this data, the California Farm Labor Report (881A), is no longer produced.

#### AGRICULTURAL PRODUCTION WORKERS

California's agricultural production worker employment level was 269,300 in February 1996, an increase of 6,600 from the previous month's level of 262,700. The year-over change was a 3% increase of 8,100. (Table 1-B.)

Earnings for California agricultural production workers averaged \$270.64 per week in February 1996. Regional averages ranged from a low of \$260.95 in the Desert region to a high of \$296.38 in the Central Coast region. (Tables 1-C through 7-C.)

The hours worked per week in California agriculture averaged 39.8 in February 1996, 0.3 hours more than the January 1996 level of 39.5. The region with the shortest workweek was the Central Coast region with 39.1 hours. The longest workweek was in the San Joaquin Valley region with 41.1 hours. (Tables 1-D through 7-D.)

---



---

### Average Hourly Earnings of Production Workers

For February 1996

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	\$6.80	\$6.60	\$6.72	\$7.58	\$6.64	\$6.80	\$7.33
Total Crops	6.72	6.43	6.62	7.48	6.35	6.86	7.20
Total Livestock	7.49	7.56	7.42	7.83	7.48	6.39	7.04
Total Services	6.75	6.52	6.88	7.74	6.59	6.80	8.48

Source: Tables 1-E through 7-E.

---



---

**DATA SOURCES:**

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

**DATA COMMENTS:**

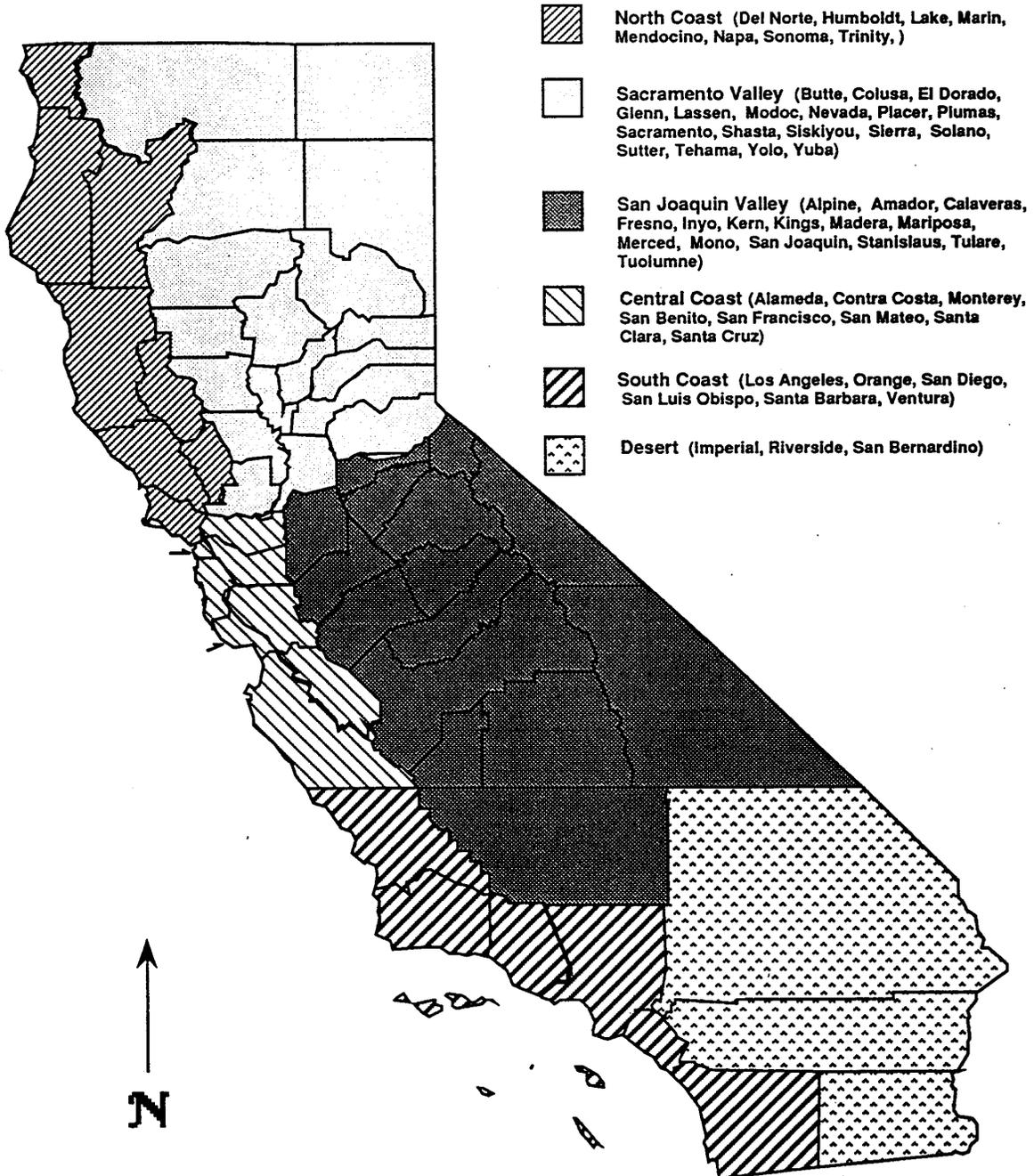
**ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL. SIMILARLY, ESTIMATES FOR THE MONTHS AND THE YEAR ARE INDEPENDENTLY DERIVED. THEREFORE, THE AVERAGE OF THE MONTHLY ESTIMATES WILL NOT NECESSARILY EQUAL THE ANNUAL AVERAGE ESTIMATE.**

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Current Economic Statistics Group, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994 or call (916) 262-2358.**

**CES-AG REPORTING REGIONS**  
**LABOR MARKET INFORMATION DIVISION**  
**EMPLOYMENT DEVELOPMENT DEPARTMENT**



# CALIFORNIA

Wage and Salary Employment in Agricultural Establishments

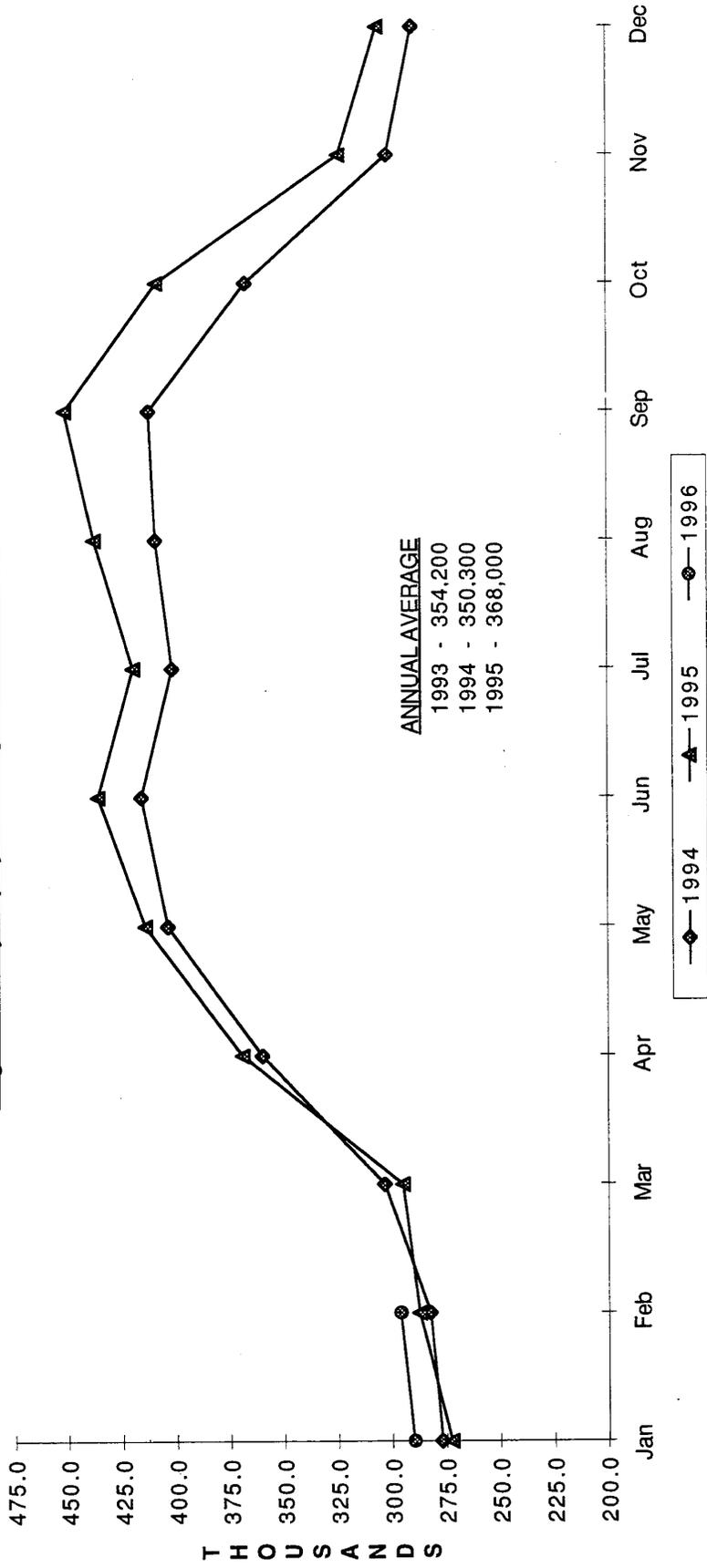


TABLE 1-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	296.1	289.9	287.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	152.6	148.0	153.5
CASH GRAINS	1.9	1.8	2.1
RICE	0.9	0.8	1.1
OTHER CASH GRAINS	1.0	1.0	1.0
FIELD CROPS EXCEPT CASH GRAINS	8.1	7.6	10.0
COTTON	4.5	4.3	5.1
OTHER FIELD CROPS	3.6	3.3	4.9
VEGETABLES AND MELONS	22.9	20.8	22.3
TOTAL FRUITS AND TREE NUTS	69.0	66.4	67.1
BERRIES	9.1	5.6	14.8
GRAPES	26.4	26.6	22.4
TREE NUTS	6.3	6.2	6.4
CITRUS FRUITS	5.5	5.3	4.9
DECIDUOUS TREE FRUIT	9.7	10.4	10.5
OTHER FRUITS AND NUTS	12.0	12.3	8.1
TOTAL HORTICULTURAL SPECIALTIES	29.6	31.2	29.4
ORNAMENTAL FLORAL & NURSERY	26.7	28.3	26.2
FOOD CROPS GROWN UNDER COVER	2.9	2.9	3.2
GENERAL FARM PRIMARILY CROP	21.1	20.2	22.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	24.7	24.6	24.7
BEEF CATTLE FEED LOTS	0.4	0.4	0.7
BEEF CATTLE EXCEPT FEED LOTS	3.7	3.7	3.4
DAIRY FARMS	12.4	12.3	12.5
CHICKEN EGGS	2.6	2.7	2.6
TURKEYS & TURKEY EGGS	1.0	1.0	1.0
OTHER LIVESTOCK	4.6	4.5	4.5
TOTAL AGRICULTURAL SERVICES	118.8	117.3	109.2
SOIL PREPARATION SERVICES	1.0	1.0	0.9
CROP SERVICES	36.5	36.6	36.8
PLANT CULTIVATE & PROTECTION	4.2	4.0	5.2
HARVEST PRIMARILY BY MACHINE	4.9	5.0	5.0
PREPARATION SVCS FOR MARKET	26.7	26.7	25.9
COTTON GINNING	0.7	0.9	0.7
TOTAL FARM LABOR & MANAGEMENT	81.3	79.7	71.5
FARM LABOR CONTRACTORS	73.4	72.5	62.9
FARM MANAGEMENT SERVICES	7.9	7.2	8.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 CALIFORNIA  
 (IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	269.3	262.7	261.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	135.4	130.5	136.5
CASH GRAINS	1.4	1.4	1.7
RICE	0.6	0.6	0.9
OTHER CASH GRAINS	0.8	0.8	0.8
FIELD CROPS EXCEPT CASH GRAINS	7.2	6.7	8.7
COTTON	4.0	3.8	4.4
OTHER FIELD CROPS	3.2	2.9	4.3
VEGETABLES AND MELONS	20.4	18.3	19.7
TOTAL FRUITS AND TREE NUTS	63.6	60.8	62.0
BERRIES	8.8	5.3	14.4
GRAPES	24.0	24.0	20.2
TREE NUTS	5.7	5.6	5.8
CITRUS FRUITS	4.8	4.6	4.3
DECIDUOUS TREE FRUIT	9.0	9.7	9.6
OTHER FRUITS AND NUTS	11.3	11.6	7.7
TOTAL HORTICULTURAL SPECIALTIES	24.0	25.3	24.0
ORNAMENTAL FLORAL & NURSERY	21.4	22.8	21.1
FOOD CROPS GROWN UNDER COVER	2.6	2.5	2.9
GENERAL FARM PRIMARILY CROP	18.8	18.0	20.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.1	22.0	22.0
BEEF CATTLE FEED LOTS	0.3	0.3	0.5
BEEF CATTLE EXCEPT FEED LOTS	3.1	3.1	2.8
DAIRY FARMS	11.7	11.6	11.8
CHICKEN EGGS	2.0	2.1	2.0
TURKEYS & TURKEY EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	4.2	4.1	4.1
TOTAL AGRICULTURAL SERVICES	111.8	110.2	102.7
SOIL PREPARATION SERVICES	0.7	0.7	0.6
CROP SERVICES	32.0	31.8	32.6
PLANT CULTIVATE & PROTECTION	3.6	3.3	4.4
HARVEST PRIMARILY BY MACHINE	4.6	4.6	4.7
PREPARATION SVCS FOR MARKET	23.3	23.2	23.0
COTTON GINNING	0.5	0.7	0.5
TOTAL FARM LABOR & MANAGEMENT	79.1	77.7	69.5
FARM LABOR CONTRACTORS	71.8	71.1	61.4
FARM MANAGEMENT SERVICES	7.3	6.6	8.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C  
 AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
 CALIFORNIA  
 (IN DOLLARS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	270.64	270.18	270.36
TOTAL AGRICULTURAL PRODUCTION/CROPS	276.19	275.13	272.65
CASH GRAINS	337.09	330.75	325.03
RICE	344.70	341.22	364.85
OTHER CASH GRAINS	332.26	323.30	281.01
FIELD CROPS EXCEPT CASH GRAINS	305.55	303.01	317.76
COTTON	303.65	297.26	326.10
OTHER FIELD CROPS	308.00	310.20	308.83
VEGETABLES AND MELONS	308.56	322.28	302.09
TOTAL FRUITS AND TREE NUTS	252.65	254.02	242.89
BERRIES	192.21	201.00	171.50
GRAPES	271.32	271.72	282.56
TREE NUTS	268.36	271.12	251.68
CITRUS FRUITS	273.42	270.11	263.44
DECIDUOUS TREE FRUIT	242.94	232.06	234.59
OTHER FRUITS AND NUTS	250.83	246.54	265.63
TOTAL HORTICULTURAL SPECIALTIES	300.90	291.40	298.47
ORNAMENTAL FLORAL & NURSERY	290.37	279.28	291.64
FOOD CROPS GROWN UNDER COVER	393.31	399.92	348.08
GENERAL FARM PRIMARILY CROP	269.23	262.84	282.04
TOTAL AGRIC PRODUCTION/LIVESTOCK	351.28	352.03	356.59
BEEF CATTLE FEED LOTS	356.79	363.01	349.32
BEEF CATTLE EXCEPT FEED LOTS	340.55	332.64	345.02
DAIRY FARMS	369.31	371.33	375.73
CHICKEN EGGS	309.63	313.21	314.82
TURKEYS & TURKEY EGGS	381.10	381.48	382.46
OTHER LIVESTOCK	323.64	324.10	325.52
TOTAL AGRICULTURAL SERVICES	249.75	247.11	248.37
SOIL PREPARATION SERVICES	497.90	570.25	509.22
CROP SERVICES	294.23	284.75	289.15
PLANT CULTIVATE & PROTECTION	340.17	338.03	342.21
HARVEST PRIMARILY BY MACHINE	265.14	264.80	254.02
PREPARATION SVCS FOR MARKET	291.20	280.02	284.90
COTTON GINNING	359.35	344.16	347.45
TOTAL FARM LABOR & MANAGEMENT	229.48	228.74	226.85
FARM LABOR CONTRACTORS	222.11	222.02	216.92
FARM MANAGEMENT SERVICES	303.78	301.51	302.43

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D  
 AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
 CALIFORNIA  
 (IN HOURS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	39.8	39.5	39.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.1	40.7	41.0
CASH GRAINS	45.8	45.0	41.3
RICE	45.0	44.2	43.8
OTHER CASH GRAINS	46.6	45.6	38.6
FIELD CROPS EXCEPT CASH GRAINS	45.0	44.3	45.2
COTTON	45.8	44.5	45.8
OTHER FIELD CROPS	44.0	44.0	44.5
VEGETABLES AND MELONS	40.6	41.8	41.1
TOTAL FRUITS AND TREE NUTS	39.6	39.2	38.8
BERRIES	33.9	33.5	31.7
GRAPES	40.8	39.9	42.3
TREE NUTS	42.8	42.1	41.6
CITRUS FRUITS	37.2	36.7	34.8
DECIDUOUS TREE FRUIT	41.6	39.6	40.1
OTHER FRUITS AND NUTS	39.5	39.7	41.7
TOTAL HORTICULTURAL SPECIALTIES	42.5	41.1	42.7
ORNAMENTAL FLORAL & NURSERY	41.9	40.3	42.7
FOOD CROPS GROWN UNDER COVER	48.2	48.3	42.5
GENERAL FARM PRIMARILY CROP	42.6	42.6	44.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.9	47.0	47.8
BEEF CATTLE FEED LOTS	49.9	50.7	49.2
BEEF CATTLE EXCEPT FEED LOTS	42.2	42.0	42.7
DAIRY FARMS	47.9	48.1	49.7
CHICKEN EGGS	47.2	47.6	47.2
TURKEYS & TURKEY EGGS	51.5	51.0	51.2
OTHER LIVESTOCK	46.5	46.3	45.4
TOTAL AGRICULTURAL SERVICES	37.0	36.5	36.1
SOIL PREPARATION SERVICES	52.8	59.9	54.0
CROP SERVICES	39.6	38.9	38.4
PLANT CULTIVATE & PROTECTION	43.5	43.9	43.1
HARVEST PRIMARILY BY MACHINE	34.3	34.3	33.6
PREPARATION SVCS FOR MARKET	40.0	39.0	38.5
COTTON GINNING	41.4	43.4	37.2
TOTAL FARM LABOR & MANAGEMENT	35.8	35.3	34.9
FARM LABOR CONTRACTORS	35.2	34.8	34.0
FARM MANAGEMENT SERVICES	41.9	40.8	41.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E  
 AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
 CALIFORNIA  
 (IN DOLLARS PER HOUR)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	6.80	6.84	6.81
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.72	6.76	6.65
CASH GRAINS	7.36	7.35	7.87
RICE	7.66	7.72	8.33
OTHER CASH GRAINS	7.13	7.09	7.28
FIELD CROPS EXCEPT CASH GRAINS	6.79	6.84	7.03
COTTON	6.63	6.68	7.12
OTHER FIELD CROPS	7.00	7.05	6.94
VEGETABLES AND MELONS	7.60	7.71	7.35
TOTAL FRUITS AND TREE NUTS	6.38	6.48	6.26
BERRIES	5.67	6.00	5.41
GRAPES	6.65	6.81	6.68
TREE NUTS	6.27	6.44	6.05
CITRUS FRUITS	7.35	7.36	7.57
DECIDUOUS TREE FRUIT	5.84	5.86	5.85
OTHER FRUITS AND NUTS	6.35	6.21	6.37
TOTAL HORTICULTURAL SPECIALTIES	7.08	7.09	6.99
ORNAMENTAL FLORAL & NURSERY	6.93	6.93	6.83
FOOD CROPS GROWN UNDER COVER	8.16	8.28	8.19
GENERAL FARM PRIMARILY CROP	6.32	6.17	6.41
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.49	7.49	7.46
BEEF CATTLE FEED LOTS	7.15	7.16	7.10
BEEF CATTLE EXCEPT FEED LOTS	8.07	7.92	8.08
DAIRY FARMS	7.71	7.72	7.56
CHICKEN EGGS	6.56	6.58	6.67
TURKEYS & TURKEY EGGS	7.40	7.48	7.47
OTHER LIVESTOCK	6.96	7.00	7.17
TOTAL AGRICULTURAL SERVICES	6.75	6.77	6.88
SOIL PREPARATION SERVICES	9.43	9.52	9.43
CROP SERVICES	7.43	7.32	7.53
PLANT CULTIVATE & PROTECTION	7.82	7.70	7.94
HARVEST PRIMARILY BY MACHINE	7.73	7.72	7.56
PREPARATION SVCS FOR MARKET	7.28	7.18	7.40
COTTON GINNING	8.68	7.93	9.34
TOTAL FARM LABOR & MANAGEMENT	6.41	6.48	6.50
FARM LABOR CONTRACTORS	6.31	6.38	6.38
FARM MANAGEMENT SERVICES	7.25	7.39	7.27

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

**SAN JOAQUIN**

**Wage and Salary Employment in Agricultural Establishments**

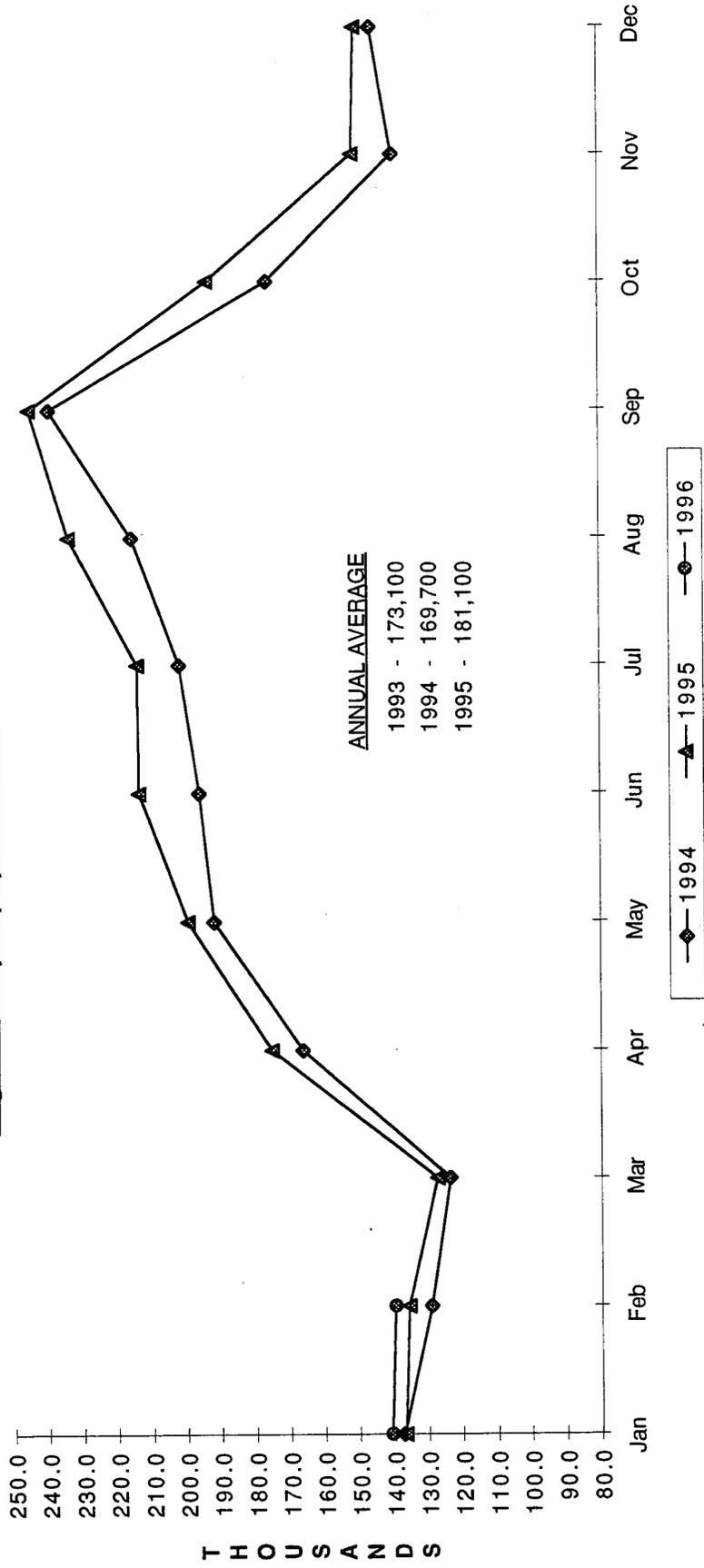


TABLE 2-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	139.7	140.8	135.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	60.4	60.4	58.7
TOTAL FIELD CROPS	6.6	6.1	8.4
COTTON	4.4	4.2	5.2
OTHER FIELD CROPS	2.2	1.9	3.2
VEGETABLES AND MELONS	3.8	3.1	3.3
TOTAL FRUITS AND TREE NUTS	35.7	36.3	31.5
GRAPES	19.2	18.9	14.8
TREE NUTS	4.4	4.4	3.9
CITRUS FRUITS	2.5	2.2	2.3
DECIDUOUS TREE FRUIT	5.5	6.5	5.5
OTHER FRUITS AND NUTS	4.1	4.3	5.0
HORTICULTURAL SPECIALTIES	3.1	3.9	3.1
GENERAL FARM PRIMARILY CROP	11.2	11.0	12.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.8	13.4	12.8
BEEF CATTLE FEED LOTS	0.3	0.3	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.1	1.3
DAIRY FARMS	9.2	9.1	8.0
POULTRY & EGGS	2.0	1.9	2.1
OTHER LIVESTOCK	1.1	1.0	1.2
TOTAL AGRICULTURAL SERVICES	65.5	67.0	64.1
CROP SERVICES	18.8	19.5	19.9
PLANT CULTIVATE & PROTECTION	3.2	3.1	3.7
HARVEST PRIMARILY BY MACHINE	1.4	1.5	1.9
PREPARATION SVCS FOR MARKET	13.5	14.0	13.6
COTTON GINNING	0.7	0.9	0.7
TOTAL FARM LABOR & MANAGEMENT	46.7	47.5	44.2
FARM LABOR CONTRACTORS	42.9	43.9	39.5
FARM MANAGEMENT SERVICES	3.8	3.6	4.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 SAN JOAQUIN VALLEY REGION  
 (IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	129.4	130.2	125.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	55.1	54.7	53.3
TOTAL FIELD CROPS	5.8	5.3	7.3
COTTON	3.9	3.7	4.6
OTHER FIELD CROPS	1.9	1.6	2.7
VEGETABLES AND MELONS	3.3	2.7	2.9
TOTAL FRUITS AND TREE NUTS	33.6	34.0	29.5
GRAPES	18.2	17.8	13.9
TREE NUTS	4.1	4.0	3.6
CITRUS FRUITS	2.3	2.0	2.1
DECIDUOUS TREE FRUIT	5.1	6.1	5.1
OTHER FRUITS AND NUTS	3.9	4.1	4.8
HORTICULTURAL SPECIALTIES	2.3	2.8	2.3
GENERAL FARM PRIMARILY CROP	10.1	9.9	11.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.5	12.4	11.9
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.0	1.0	1.1
DAIRY FARMS	8.6	8.5	7.6
POULTRY & EGGS	1.8	1.8	1.9
OTHER LIVESTOCK	0.9	0.9	1.1
TOTAL AGRICULTURAL SERVICES	61.8	63.1	60.3
CROP SERVICES	16.3	16.8	17.2
PLANT CULTIVATE & PROTECTION	2.7	2.5	3.1
HARVEST PRIMARILY BY MACHINE	1.2	1.2	1.6
PREPARATION SVCS FOR MARKET	11.9	12.4	12.0
COTTON GINNING	0.5	0.7	0.5
TOTAL FARM LABOR & MANAGEMENT	45.5	46.3	43.1
FARM LABOR CONTRACTORS	42.0	43.0	38.7
FARM MANAGEMENT SERVICES	3.5	3.3	4.4

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C  
 AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
 SAN JOAQUIN VALLEY REGION  
 (IN DOLLARS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	271.26	267.30	269.94
TOTAL AGRICULTURAL PRODUCTION/CROPS	269.42	267.62	273.28
TOTAL FIELD CROPS	321.59	326.69	312.59
COTTON	329.04	339.95	305.10
OTHER FIELD CROPS	304.41	298.08	324.80
VEGETABLES AND MELONS	274.48	279.22	298.32
TOTAL FRUITS AND TREE NUTS	256.14	252.65	254.75
GRAPES	256.71	253.63	266.20
TREE NUTS	254.81	265.20	237.94
CITRUS FRUITS	290.99	290.88	256.98
DECIDUOUS TREE FRUIT	234.17	224.31	231.24
OTHER FRUITS AND NUTS	264.13	259.94	258.74
HORTICULTURAL SPECIALTIES	280.17	274.43	275.49
GENERAL FARM PRIMARILY CROP	279.93	282.75	290.30
TOTAL AGRIC PRODUCTION/LIVESTOCK	355.32	357.59	357.68
BEEF CATTLE FEED LOTS	340.55	350.97	322.00
BEEF CATTLE EXCEPT FEED LOTS	343.14	343.85	345.77
DAIRY FARMS	366.52	368.64	375.34
POULTRY & EGGS	338.18	341.22	335.80
OTHER LIVESTOCK	299.86	300.61	288.58
TOTAL AGRICULTURAL SERVICES	255.58	249.87	249.83
CROP SERVICES	309.75	295.40	289.41
PLANT CULTIVATE & PROTECTION	348.62	359.29	348.67
HARVEST PRIMARILY BY MACHINE	314.15	305.36	289.49
PREPARATION SVCS FOR MARKET	298.22	278.66	272.74
COTTON GINNING	351.70	336.90	323.88
TOTAL FARM LABOR & MANAGEMENT	236.22	234.25	233.87
FARM LABOR CONTRACTORS	230.01	228.29	227.30
FARM MANAGEMENT SERVICES	312.89	309.60	296.14

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D  
 AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
 SAN JOAQUIN VALLEY REGION  
 (IN HOURS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	41.1	40.5	40.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.9	41.3	42.5
TOTAL FIELD CROPS	48.8	49.2	45.7
COTTON	50.7	51.9	45.2
OTHER FIELD CROPS	44.7	43.2	46.6
VEGETABLES AND MELONS	41.4	41.8	42.8
TOTAL FRUITS AND TREE NUTS	40.4	39.6	40.5
GRAPES	39.8	38.9	41.4
TREE NUTS	40.9	40.8	39.2
CITRUS FRUITS	41.1	40.4	35.3
DECIDUOUS TREE FRUIT	41.3	39.7	39.8
OTHER FRUITS AND NUTS	41.4	41.0	41.8
HORTICULTURAL SPECIALTIES	40.9	39.6	40.1
GENERAL FARM PRIMARILY CROP	43.4	43.5	46.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.0	47.3	47.5
BEEF CATTLE FEED LOTS	48.1	47.3	46.0
BEEF CATTLE EXCEPT FEED LOTS	39.9	40.5	40.3
DAIRY FARMS	47.6	48.0	49.0
POULTRY & EGGS	47.1	47.0	46.0
OTHER LIVESTOCK	48.6	49.2	47.0
TOTAL AGRICULTURAL SERVICES	39.2	38.5	38.2
CROP SERVICES	42.2	41.2	39.7
PLANT CULTIVATE & PROTECTION	45.1	46.3	45.4
HARVEST PRIMARILY BY MACHINE	35.1	33.3	32.6
PREPARATION SVCS FOR MARKET	42.3	40.8	39.3
COTTON GINNING	40.8	42.7	37.1
TOTAL FARM LABOR & MANAGEMENT	38.1	37.6	37.6
FARM LABOR CONTRACTORS	37.4	37.0	36.9
FARM MANAGEMENT SERVICES	46.7	45.0	44.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E  
 AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
 SAN JOAQUIN VALLEY REGION  
 (IN DOLLARS PER HOUR)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	6.60	6.60	6.60
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.43	6.48	6.43
TOTAL FIELD CROPS	6.59	6.64	6.84
COTTON	6.49	6.55	6.75
OTHER FIELD CROPS	6.81	6.90	6.97
VEGETABLES AND MELONS	6.63	6.68	6.97
TOTAL FRUITS AND TREE NUTS	6.34	6.38	6.29
GRAPES	6.45	6.52	6.43
TREE NUTS	6.23	6.50	6.07
CITRUS FRUITS	7.08	7.20	7.28
DECIDUOUS TREE FRUIT	5.67	5.65	5.81
OTHER FRUITS AND NUTS	6.38	6.34	6.19
HORTICULTURAL SPECIALTIES	6.85	6.93	6.87
GENERAL FARM PRIMARILY CROP	6.45	6.50	6.27
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.56	7.56	7.53
BEEF CATTLE FEED LOTS	7.08	7.42	7.00
BEEF CATTLE EXCEPT FEED LOTS	8.60	8.49	8.58
DAIRY FARMS	7.70	7.68	7.66
POULTRY & EGGS	7.18	7.26	7.30
OTHER LIVESTOCK	6.17	6.11	6.14
TOTAL AGRICULTURAL SERVICES	6.52	6.49	6.54
CROP SERVICES	7.34	7.17	7.29
PLANT CULTIVATE & PROTECTION	7.73	7.76	7.68
HARVEST PRIMARILY BY MACHINE	8.95	9.17	8.88
PREPARATION SVCS FOR MARKET	7.05	6.83	6.94
COTTON GINNING	8.62	7.89	8.73
TOTAL FARM LABOR & MANAGEMENT	6.20	6.23	6.22
FARM LABOR CONTRACTORS	6.15	6.17	6.16
FARM MANAGEMENT SERVICES	6.70	6.88	6.70

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

**SOUTH COAST**

**Wage and Salary Employment in Agricultural Establishments**

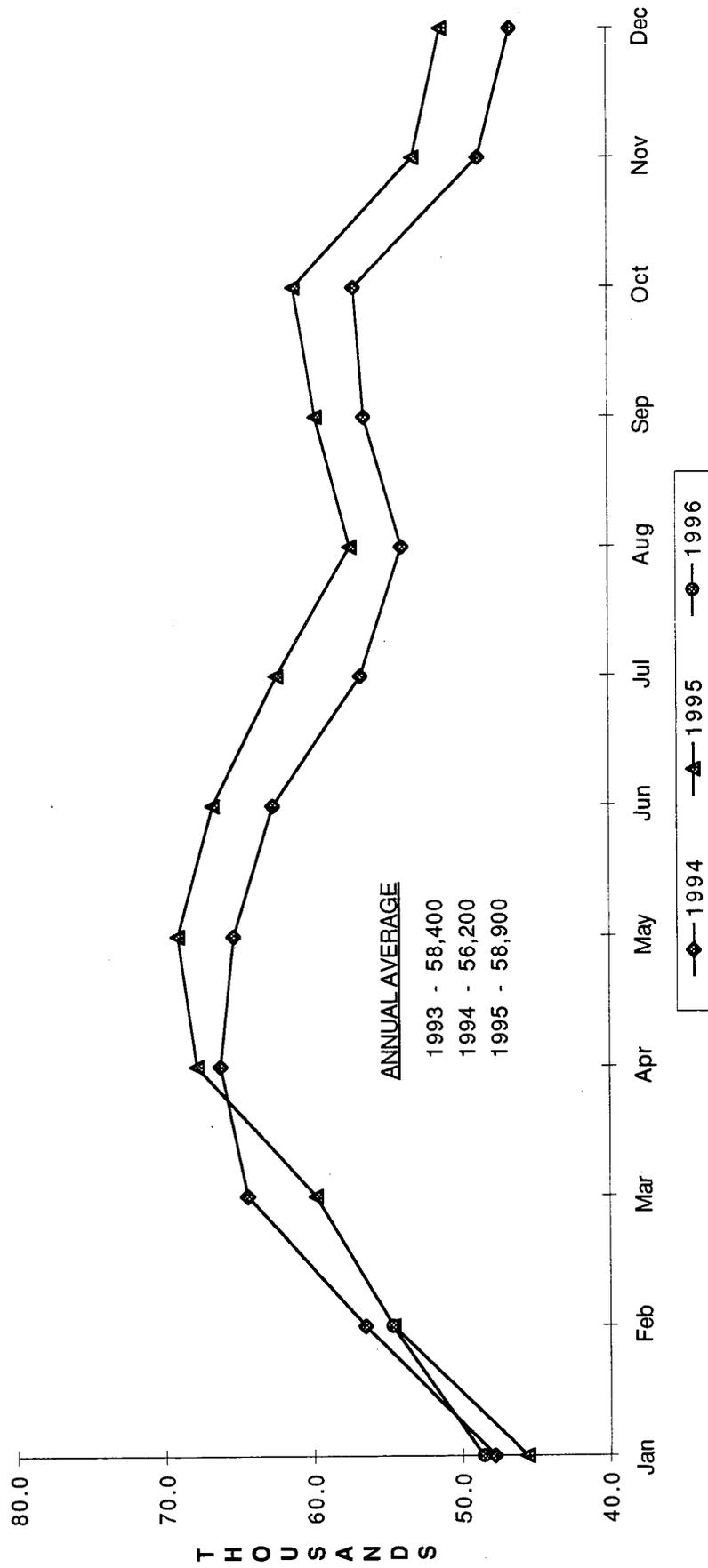


TABLE 3-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	54.7	48.6	54.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	37.7	33.4	39.5
VEGETABLES AND MELONS	8.1	7.5	8.1
TOTAL FRUITS AND TREE NUTS	11.9	8.8	12.3
BERRIES	7.0	4.1	7.8
CITRUS FRUITS	1.9	1.8	1.9
OTHER FRUITS AND NUTS	3.0	2.9	2.6
TOTAL HORTICULTURAL SPECIALTIES	14.7	14.3	14.5
ORNAMENTAL FLORAL & NURSERY	14.0	13.6	13.8
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	3.0	2.8	4.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	1.9	2.0
TOTAL AGRICULTURAL SERVICES	15.1	13.3	13.1
CROP SERVICES	4.2	3.8	4.0
HARVEST PRIMARILY BY MACHINE	1.7	1.6	1.7
PREPARATION SVCS FOR MARKET	2.5	2.2	2.3
TOTAL FARM LABOR & MANAGEMENT	10.9	9.5	9.1
FARM LABOR CONTRACTORS	9.5	8.2	7.4
FARM MANAGEMENT SERVICES	1.4	1.3	1.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 SOUTH COAST REGION  
 (IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	49.0	42.9	48.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	33.1	28.7	35.0
VEGETABLES AND MELONS	7.4	6.8	7.4
TOTAL FRUITS AND TREE NUTS	11.1	8.0	11.6
BERRIES	6.8	3.9	7.7
CITRUS FRUITS	1.5	1.4	1.5
OTHER FRUITS AND NUTS	2.8	2.7	2.4
TOTAL HORTICULTURAL SPECIALTIES	12.0	11.5	11.8
ORNAMENTAL FLORAL & NURSERY	11.3	10.9	11.1
FOOD CROPS GROWN UNDER COVER	0.7	0.6	0.7
GENERAL FARM PRIMARILY CROP	2.6	2.4	4.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.6	1.7	1.7
TOTAL AGRICULTURAL SERVICES	14.3	12.5	12.1
CROP SERVICES	4.0	3.6	3.7
HARVEST PRIMARILY BY MACHINE	1.6	1.5	1.5
PREPARATION SVCS FOR MARKET	2.4	2.1	2.2
TOTAL FARM LABOR & MANAGEMENT	10.3	8.9	8.4
FARM LABOR CONTRACTORS	9.1	7.8	7.0
FARM MANAGEMENT SERVICES	1.2	1.1	1.4

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C  
 AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
 SOUTH COAST REGION  
 (IN DOLLARS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	274.85	277.44	269.58
TOTAL AGRICULTURAL PRODUCTION/CROPS	279.36	284.93	271.70
VEGETABLES AND MELONS	321.59	328.50	304.72
TOTAL FRUITS AND TREE NUTS	224.17	237.22	210.18
BERRIES	196.18	202.55	177.67
CITRUS FRUITS	271.95	266.77	287.04
OTHER FRUITS AND NUTS	266.98	271.00	266.56
TOTAL HORTICULTURAL SPECIALTIES	299.99	291.92	301.22
ORNAMENTAL FLORAL & NURSERY	295.14	285.69	294.12
FOOD CROPS GROWN UNDER COVER	396.31	405.82	421.36
GENERAL FARM PRIMARILY CROP	301.86	293.87	301.75
TOTAL AGRIC PRODUCTION/LIVESTOCK	327.22	319.18	343.49
TOTAL AGRICULTURAL SERVICES	258.00	254.98	253.27
CROP SERVICES	301.04	304.47	302.94
HARVEST PRIMARILY BY MACHINE	278.63	272.31	284.63
PREPARATION SVCS FOR MARKET	316.24	326.40	314.61
TOTAL FARM LABOR & MANAGEMENT	241.41	235.56	231.57
FARM LABOR CONTRACTORS	234.55	227.24	218.79
FARM MANAGEMENT SERVICES	291.54	294.89	291.09

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D  
 AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
 SOUTH COAST REGION  
 (IN HOURS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	40.9	40.8	40.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.2	42.4	41.8
VEGETABLES AND MELONS	43.4	43.8	43.1
TOTAL FRUITS AND TREE NUTS	37.3	38.2	36.3
BERRIES	35.8	36.3	34.3
CITRUS FRUITS	37.0	37.0	39.0
OTHER FRUITS AND NUTS	41.2	41.5	41.2
TOTAL HORTICULTURAL SPECIALTIES	45.8	44.5	46.2
ORNAMENTAL FLORAL & NURSERY	45.9	44.5	46.1
FOOD CROPS GROWN UNDER COVER	45.5	45.7	48.1
GENERAL FARM PRIMARILY CROP	43.0	42.9	42.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	44.1	42.9	44.9
TOTAL AGRICULTURAL SERVICES	37.5	36.9	36.6
CROP SERVICES	39.3	39.8	39.6
HARVEST PRIMARILY BY MACHINE	37.2	36.7	37.8
PREPARATION SVCS FOR MARKET	40.7	41.9	40.7
TOTAL FARM LABOR & MANAGEMENT	36.8	35.8	35.3
FARM LABOR CONTRACTORS	35.7	34.8	33.2
FARM MANAGEMENT SERVICES	45.2	42.8	45.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E  
 AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
 SOUTH COAST REGION  
 (IN DOLLARS PER HOUR)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	6.72	6.80	6.64
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.62	6.72	6.50
VEGETABLES AND MELONS	7.41	7.50	7.07
TOTAL FRUITS AND TREE NUTS	6.01	6.21	5.79
BERRIES	5.48	5.58	5.18
CITRUS FRUITS	7.35	7.21	7.36
OTHER FRUITS AND NUTS	6.48	6.53	6.47
TOTAL HORTICULTURAL SPECIALTIES	6.55	6.56	6.52
ORNAMENTAL FLORAL & NURSERY	6.43	6.42	6.38
FOOD CROPS GROWN UNDER COVER	8.71	8.88	8.76
GENERAL FARM PRIMARILY CROP	7.02	6.85	7.10
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.42	7.44	7.65
TOTAL AGRICULTURAL SERVICES	6.88	6.91	6.92
CROP SERVICES	7.66	7.65	7.65
HARVEST PRIMARILY BY MACHINE	7.49	7.42	7.53
PREPARATION SVCS FOR MARKET	7.77	7.79	7.73
TOTAL FARM LABOR & MANAGEMENT	6.56	6.58	6.56
FARM LABOR CONTRACTORS	6.57	6.53	6.59
FARM MANAGEMENT SERVICES	6.45	6.89	6.44

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# CENTRAL COAST

## Wage and Salary Employment in Agricultural Establishments

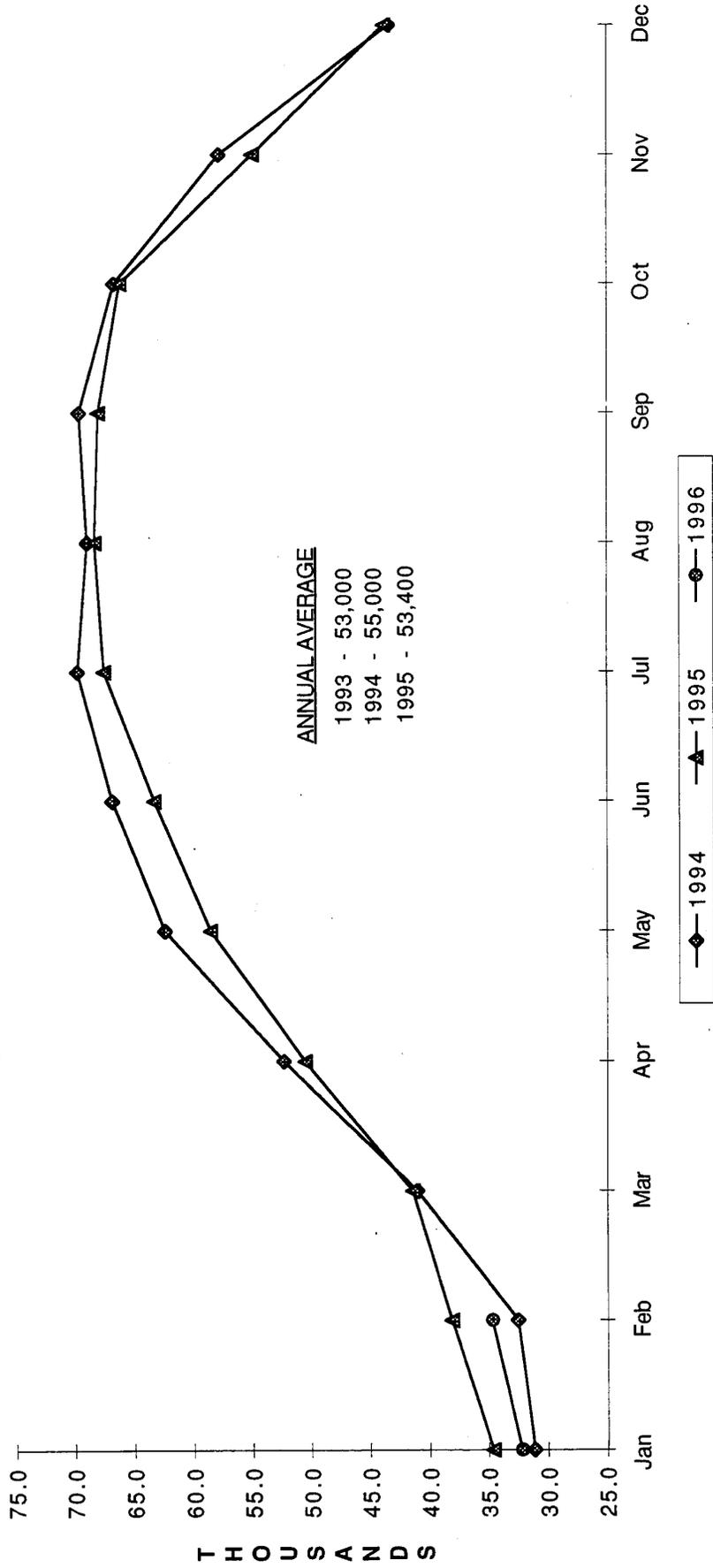


TABLE 4-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	34.7	32.2	38.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	21.4	19.8	24.9
VEGETABLES AND MELONS	6.4	6.1	6.7
TOTAL FRUITS AND TREE NUTS	4.6	3.7	6.9
BERRIES	2.4	1.6	4.6
DECIDUOUS TREE FRUIT	0.8	0.8	1.0
OTHER FRUITS AND NUTS	1.4	1.3	1.3
TOTAL HORTICULTURAL SPECIALTIES	9.2	8.9	9.4
ORNAMENTAL FLORAL & NURSERY	7.0	6.7	7.3
FOOD CROPS GROWN UNDER COVER	2.2	2.2	2.1
GENERAL FARM PRIMARILY CROP	1.2	1.1	1.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.1	1.1	1.1
TOTAL AGRICULTURAL SERVICES	12.2	11.3	12.1
CROP SERVICES	6.7	6.8	6.1
HARVEST PRIMARILY BY MACHINE	2.3	2.4	1.3
PREPARATION SVCS FOR MARKET	4.4	4.4	4.8
TOTAL FARM LABOR & MANAGEMENT	5.5	4.5	6.0

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 CENTRAL COAST REGION  
 (IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	30.7	28.3	34.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	18.3	16.8	21.7
VEGETABLES AND MELONS	5.6	5.3	5.9
TOTAL FRUITS AND TREE NUTS	4.3	3.4	6.6
BERRIES	2.3	1.5	4.5
DECIDUOUS TREE FRUIT	0.7	0.7	0.9
OTHER FRUITS AND NUTS	1.3	1.2	1.2
TOTAL HORTICULTURAL SPECIALTIES	7.5	7.2	7.7
ORNAMENTAL FLORAL & NURSERY	5.6	5.3	5.8
FOOD CROPS GROWN UNDER COVER	1.9	1.9	1.9
GENERAL FARM PRIMARILY CROP	0.9	0.9	1.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.8	0.8	0.8
TOTAL AGRICULTURAL SERVICES	11.6	10.7	11.7
CROP SERVICES	6.1	6.2	5.7
HARVEST PRIMARILY BY MACHINE	2.2	2.3	1.3
PREPARATION SVCS FOR MARKET	3.9	3.9	4.4
TOTAL FARM LABOR & MANAGEMENT	5.5	4.5	6.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C  
 AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
 CENTRAL COAST REGION  
 (IN DOLLARS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	296.38	296.45	287.63
TOTAL AGRICULTURAL PRODUCTION/CROPS	301.44	309.02	291.69
VEGETABLES AND MELONS	303.16	327.60	287.98
TOTAL FRUITS AND TREE NUTS	250.03	248.86	272.70
BERRIES	240.59	242.45	276.91
DECIDUOUS TREE FRUIT	229.43	237.70	210.54
OTHER FRUITS AND NUTS	277.20	264.65	300.76
TOTAL HORTICULTURAL SPECIALTIES	333.89	326.70	321.33
ORNAMENTAL FLORAL & NURSERY	312.61	299.52	307.38
FOOD CROPS GROWN UNDER COVER	397.15	402.14	366.24
GENERAL FARM PRIMARILY CROP	267.19	280.06	230.61
TOTAL AGRIC PRODUCTION/LIVESTOCK	335.91	335.05	338.95
TOTAL AGRICULTURAL SERVICES	284.83	273.44	278.39
CROP SERVICES	309.80	302.88	327.50
HARVEST PRIMARILY BY MACHINE	325.99	323.19	286.14
PREPARATION SVCS FOR MARKET	301.02	290.63	339.57
TOTAL FARM LABOR & MANAGEMENT	258.04	234.00	232.19

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D  
 AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
 CENTRAL COAST REGION  
 (IN HOURS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	39.1	38.4	38.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.3	40.5	40.4
VEGETABLES AND MELONS	37.8	40.0	37.4
TOTAL FRUITS AND TREE NUTS	36.5	35.5	40.4
BERRIES	37.3	37.3	43.2
DECIDUOUS TREE FRUIT	34.5	34.7	33.0
OTHER FRUITS AND NUTS	36.0	33.8	35.3
TOTAL HORTICULTURAL SPECIALTIES	44.4	43.1	43.6
ORNAMENTAL FLORAL & NURSERY	43.6	41.6	43.6
FOOD CROPS GROWN UNDER COVER	47.0	47.2	43.6
GENERAL FARM PRIMARILY CROP	40.3	41.8	35.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	42.9	42.9	43.4
TOTAL AGRICULTURAL SERVICES	36.8	34.7	34.2
CROP SERVICES	38.2	37.3	37.6
HARVEST PRIMARILY BY MACHINE	40.8	40.5	34.6
PREPARATION SVCS FOR MARKET	36.8	35.4	38.5
TOTAL FARM LABOR & MANAGEMENT	35.3	31.2	31.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E  
 AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
 CENTRAL COAST REGION  
 (IN DOLLARS PER HOUR)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	7.58	7.72	7.51
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.48	7.63	7.22
VEGETABLES AND MELONS	8.02	8.19	7.70
TOTAL FRUITS AND TREE NUTS	6.85	7.01	6.75
BERRIES	6.45	6.50	6.41
DECIDUOUS TREE FRUIT	6.65	6.85	6.38
OTHER FRUITS AND NUTS	7.70	7.83	8.52
TOTAL HORTICULTURAL SPECIALTIES	7.52	7.58	7.37
ORNAMENTAL FLORAL & NURSERY	7.17	7.20	7.05
FOOD CROPS GROWN UNDER COVER	8.45	8.52	8.40
GENERAL FARM PRIMARILY CROP	6.63	6.70	6.57
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.83	7.81	7.81
TOTAL AGRICULTURAL SERVICES	7.74	7.88	8.14
CROP SERVICES	8.11	8.12	8.71
HARVEST PRIMARILY BY MACHINE	7.99	7.98	8.27
PREPARATION SVCS FOR MARKET	8.18	8.21	8.82
TOTAL FARM LABOR & MANAGEMENT	7.31	7.50	7.49

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

**DESERT**

**Wage and Salary Employment in Agricultural Establishments**

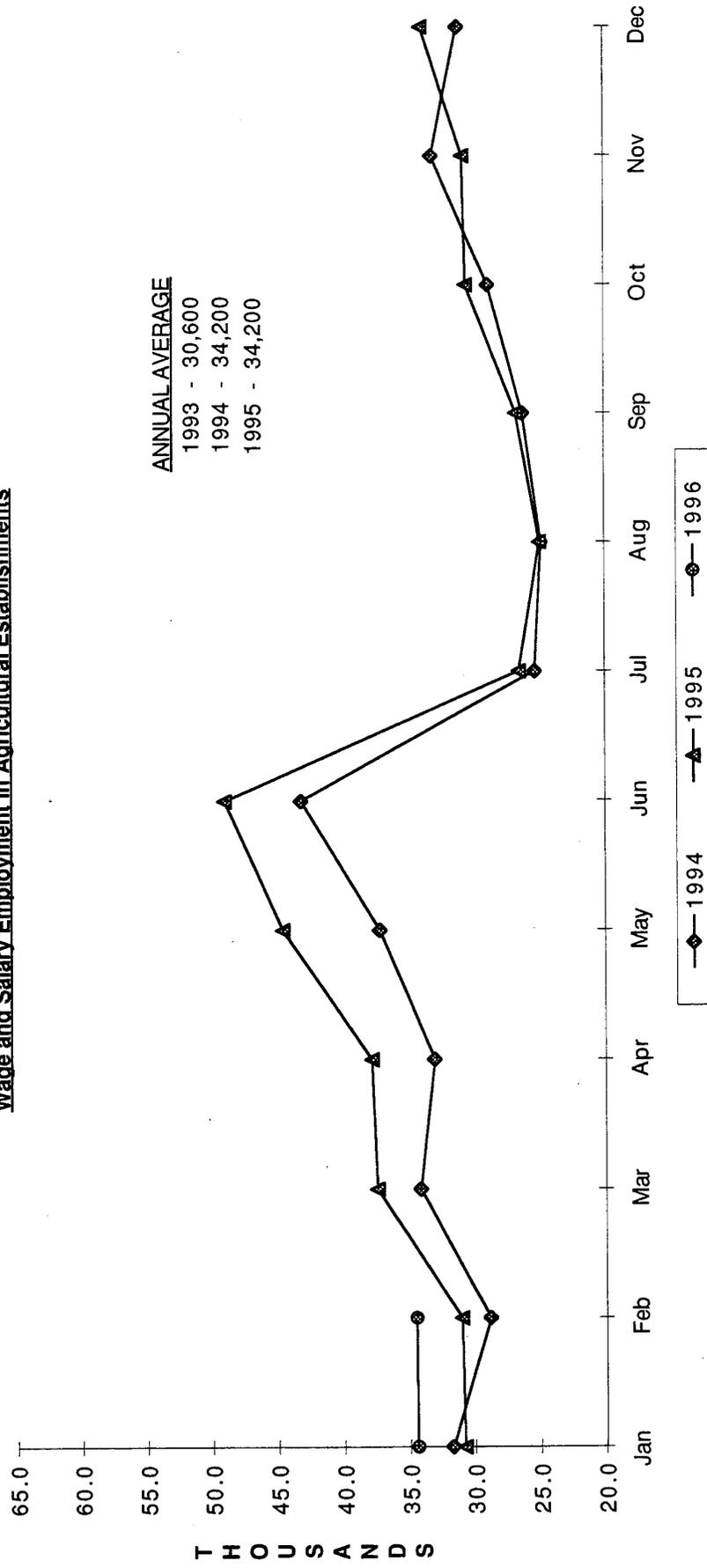


TABLE 5-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	34.5	34.4	31.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	13.3	14.4	14.7
FIELD CROPS	1.5	1.4	1.7
VEGETABLES AND MELONS	4.2	4.3	4.6
TOTAL FRUITS AND TREE NUTS	3.5	4.4	4.0
GRAPES	1.5	2.4	1.9
CITRUS FRUITS	1.0	1.1	1.0
OTHER FRUITS AND NUTS	1.0	0.9	1.1
HORTICULTURAL SPECIALTIES	0.9	1.1	1.1
GENERAL FARM PRIMARILY CROP	3.2	3.2	3.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.9	4.8	5.0
DAIRY FARMS	1.1	1.1	1.0
CHICKEN EGGS	0.8	0.8	0.7
OTHER LIVESTOCK	3.0	2.9	3.3
TOTAL AGRICULTURAL SERVICES	16.3	15.2	11.3
CROP SERVICES	5.5	4.8	6.4
PLANT CULTIVATE & PROTECTION	0.7	0.6	0.7
HARVEST PRIMARILY BY MACHINE	1.4	1.4	1.3
PREPARATION SVCS FOR MARKET	3.4	2.8	4.4
TOTAL FARM LABOR & MANAGEMENT	10.8	10.4	4.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 DESERT REGION  
 (IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	32.1	31.7	28.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	12.3	13.1	13.4
FIELD CROPS	1.3	1.2	1.5
VEGETABLES AND MELONS	3.9	4.0	4.2
TOTAL FRUITS AND TREE NUTS	3.3	4.1	3.8
GRAPES	1.4	2.3	1.9
CITRUS FRUITS	1.0	1.0	0.9
OTHER FRUITS AND NUTS	0.9	0.8	1.0
HORTICULTURAL SPECIALTIES	0.8	0.9	0.9
GENERAL FARM PRIMARILY CROP	3.0	2.9	3.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.3	4.2	4.3
DAIRY FARMS	1.0	1.0	0.9
CHICKEN EGGS	0.6	0.6	0.5
OTHER LIVESTOCK	2.7	2.6	2.9
TOTAL AGRICULTURAL SERVICES	15.5	14.4	10.4
CROP SERVICES	4.9	4.3	5.7
PLANT CULTIVATE & PROTECTION	0.5	0.5	0.5
HARVEST PRIMARILY BY MACHINE	1.3	1.3	1.2
PREPARATION SVCS FOR MARKET	3.1	2.5	4.0
TOTAL FARM LABOR & MANAGEMENT	10.6	10.1	4.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C  
 AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
 DESERT REGION  
 (IN DOLLARS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	260.95	261.62	263.74
TOTAL AGRICULTURAL PRODUCTION/CROPS	267.97	267.33	259.60
FIELD CROPS	282.07	277.25	295.68
VEGETABLES AND MELONS	273.10	262.68	261.59
TOTAL FRUITS AND TREE NUTS	252.57	273.90	252.86
GRAPES	248.63	295.87	245.14
CITRUS FRUITS	269.89	251.03	278.24
OTHER FRUITS AND NUTS	240.63	239.90	245.00
HORTICULTURAL SPECIALTIES	329.87	306.72	332.25
GENERAL FARM PRIMARILY CROP	255.49	249.52	224.46
TOTAL AGRIC PRODUCTION/LIVESTOCK	373.25	376.75	382.54
DAIRY FARMS	464.85	474.83	480.68
CHICKEN EGGS	292.22	294.27	305.35
OTHER LIVESTOCK	356.73	356.93	363.20
TOTAL AGRICULTURAL SERVICES	225.38	222.44	219.07
CROP SERVICES	240.75	232.85	231.04
PLANT CULTIVATE & PROTECTION	328.44	316.92	318.06
HARVEST PRIMARILY BY MACHINE	139.36	147.14	171.69
PREPARATION SVCS FOR MARKET	268.46	262.68	238.46
TOTAL FARM LABOR & MANAGEMENT	218.09	218.35	205.77

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D  
 AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
 DESERT REGION  
 (IN HOURS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	39.3	39.4	38.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.2	42.5	40.0
FIELD CROPS	42.1	42.2	44.0
VEGETABLES AND MELONS	40.7	38.8	38.3
TOTAL FRUITS AND TREE NUTS	39.9	42.4	40.2
GRAPES	41.3	45.8	41.2
CITRUS FRUITS	39.4	37.3	39.3
OTHER FRUITS AND NUTS	38.5	39.2	39.2
HORTICULTURAL SPECIALTIES	44.1	43.2	44.3
GENERAL FARM PRIMARILY CROP	46.2	47.8	38.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	49.9	50.3	50.6
DAIRY FARMS	49.4	50.3	49.2
CHICKEN EGGS	48.3	48.4	48.7
OTHER LIVESTOCK	50.6	50.7	51.3
TOTAL AGRICULTURAL SERVICES	34.2	33.4	32.6
CROP SERVICES	37.5	36.1	36.1
PLANT CULTIVATE & PROTECTION	52.3	51.7	46.5
HARVEST PRIMARILY BY MACHINE	23.7	24.2	29.5
PREPARATION SVCS FOR MARKET	40.8	39.5	36.8
TOTAL FARM LABOR & MANAGEMENT	32.6	32.3	28.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E  
 AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
 DESERT REGION  
 (IN DOLLARS PER HOUR)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	6.64	6.64	6.78
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.35	6.29	6.49
FIELD CROPS	6.70	6.57	6.72
VEGETABLES AND MELONS	6.71	6.77	6.83
TOTAL FRUITS AND TREE NUTS	6.33	6.46	6.29
GRAPES	6.02	6.46	5.95
CITRUS FRUITS	6.85	6.73	7.08
OTHER FRUITS AND NUTS	6.25	6.12	6.25
HORTICULTURAL SPECIALTIES	7.48	7.10	7.50
GENERAL FARM PRIMARILY CROP	5.53	5.22	5.80
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.48	7.49	7.56
DAIRY FARMS	9.41	9.44	9.77
CHICKEN EGGS	6.05	6.08	6.27
OTHER LIVESTOCK	7.05	7.04	7.08
TOTAL AGRICULTURAL SERVICES	6.59	6.66	6.72
CROP SERVICES	6.42	6.45	6.40
PLANT CULTIVATE & PROTECTION	6.28	6.13	6.84
HARVEST PRIMARILY BY MACHINE	5.88	6.08	5.82
PREPARATION SVCS FOR MARKET	6.58	6.65	6.48
TOTAL FARM LABOR & MANAGEMENT	6.69	6.76	7.22

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# SACRAMENTO

## Wage and Salary Employment in Agricultural Establishments

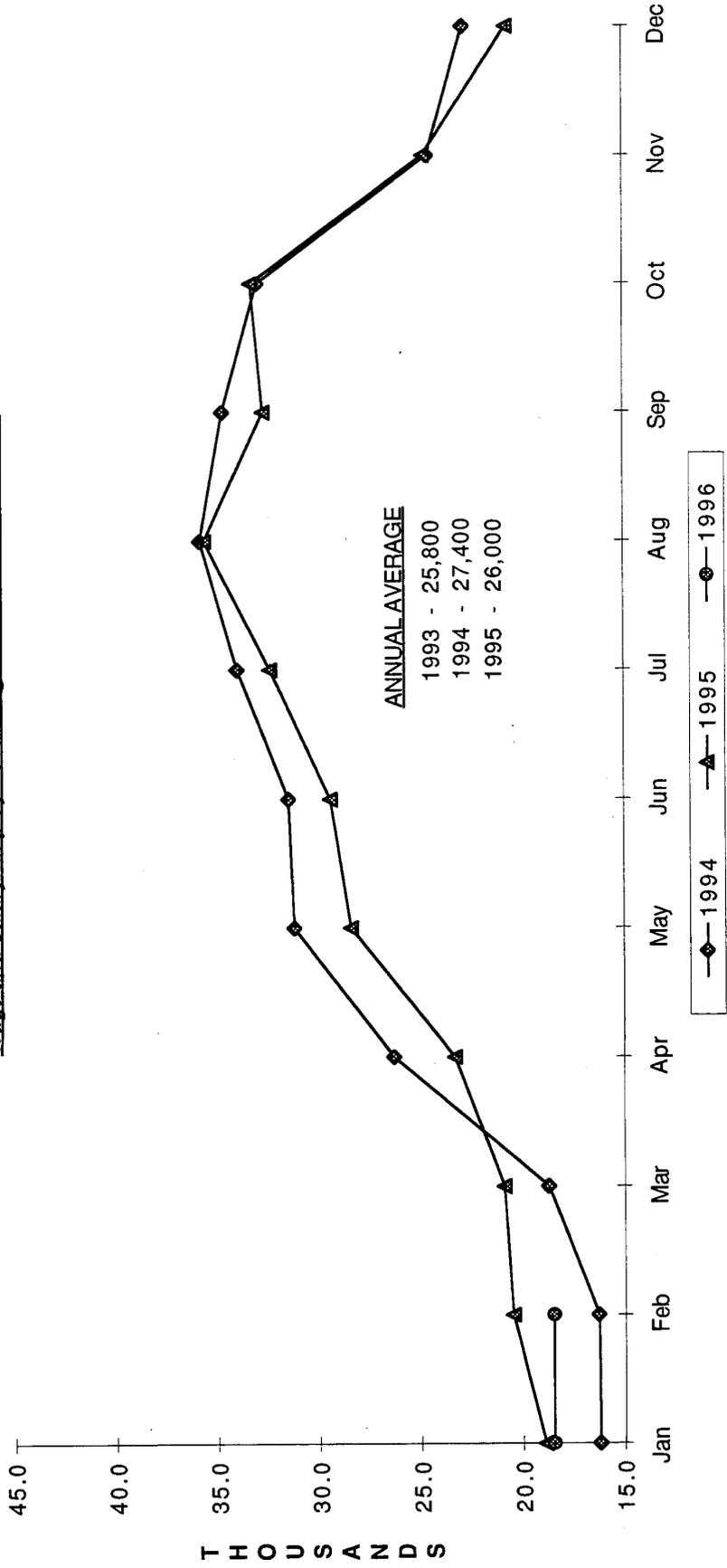


TABLE 6-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SACRAMENTO VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	18.5	18.5	20.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	12.5	13.1	13.8
RICE	0.8	0.7	1.2
VEGETABLES AND MELONS	0.8	0.6	1.2
TOTAL FRUIT AND TREE NUTS	6.7	6.4	6.7
TREE NUTS	1.9	1.8	2.1
DECIDUOUS TREE FRUIT	3.0	2.9	3.0
OTHER FRUITS AND NUTS	1.8	1.7	1.6
HORTICULTURAL SPECIALTIES	1.6	3.2	1.1
GENERAL FARM PRIMARILY CROP	2.6	2.2	3.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.7	1.6
TOTAL AGRICULTURAL SERVICES	4.2	3.7	5.1
CROP SERVICES	2.2	2.1	2.1
HARVEST PRIMARILY BY MACHINE	0.7	0.6	0.8
PREPARATION SVCS FOR MARKET	1.5	1.5	1.3
TOTAL FARM LABOR & MANAGEMENT	2.0	1.6	3.0

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 SACRAMENTO VALLEY REGION  
 (IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	16.1	16.1	17.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	11.0	11.6	11.9
RICE	0.6	0.6	0.9
VEGETABLES AND MELONS	0.7	0.5	1.1
TOTAL FRUIT AND TREE NUTS	6.1	5.7	6.1
TREE NUTS	1.8	1.6	1.9
DECIDUOUS TREE FRUIT	2.7	2.6	2.7
OTHER FRUITS AND NUTS	1.6	1.5	1.5
HORTICULTURAL SPECIALTIES	1.4	3.0	0.9
GENERAL FARM PRIMARILY CROP	2.2	1.8	2.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.5	1.5	1.4
TOTAL AGRICULTURAL SERVICES	3.6	3.0	4.3
CROP SERVICES	1.7	1.5	1.5
HARVEST PRIMARILY BY MACHINE	0.5	0.4	0.5
PREPARATION SVCS FOR MARKET	1.2	1.1	1.0
TOTAL FARM LABOR & MANAGEMENT	1.9	1.5	2.8

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C  
 AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
 SACRAMENTO VALLEY REGION  
 (IN DOLLARS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	278.80	273.76	298.16
TOTAL AGRICULTURAL PRODUCTION/CROPS	277.14	270.18	296.80
RICE	377.20	375.75	354.96
VEGETABLES AND MELONS	426.30	441.73	424.94
TOTAL FRUIT AND TREE NUTS	245.69	242.70	259.99
TREE NUTS	269.01	265.86	306.20
DECIDUOUS TREE FRUIT	240.03	229.68	241.67
OTHER FRUITS AND NUTS	230.49	240.35	232.46
HORTICULTURAL SPECIALTIES	259.96	263.50	366.23
GENERAL FARM PRIMARILY CROP	296.18	287.74	287.87
TOTAL AGRIC PRODUCTION/LIVESTOCK	308.00	308.64	306.71
TOTAL AGRICULTURAL SERVICES	270.64	271.17	298.07
CROP SERVICES	298.33	298.33	297.21
HARVEST PRIMARILY BY MACHINE	326.54	311.38	254.07
PREPARATION SVCS FOR MARKET	287.04	294.32	316.43
TOTAL FARM LABOR & MANAGEMENT	247.86	244.11	298.15

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D  
 AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
 SACRAMENTO VALLEY REGION  
 (IN HOURS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	41.0	40.2	42.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.4	39.5	42.4
RICE	45.5	45.0	40.8
VEGETABLES AND MELONS	49.0	47.6	48.9
TOTAL FRUIT AND TREE NUTS	39.5	39.4	41.4
TREE NUTS	42.7	42.0	47.4
DECIDUOUS TREE FRUIT	37.8	36.4	38.3
OTHER FRUITS AND NUTS	39.0	41.8	39.2
HORTICULTURAL SPECIALTIES	33.5	34.9	46.3
GENERAL FARM PRIMARILY CROP	42.8	43.4	41.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.2	48.0	48.3
TOTAL AGRICULTURAL SERVICES	39.8	39.3	42.4
CROP SERVICES	39.1	39.1	38.3
HARVEST PRIMARILY BY MACHINE	39.2	38.3	30.5
PREPARATION SVCS FOR MARKET	39.0	39.4	41.8
TOTAL FARM LABOR & MANAGEMENT	40.5	39.5	44.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E  
 AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
 SACRAMENTO VALLEY REGION  
 (IN DOLLARS PER HOUR)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	6.80	6.81	6.95
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.86	6.84	7.00
RICE	8.29	8.35	8.70
VEGETABLES AND MELONS	8.70	9.28	8.69
TOTAL FRUIT AND TREE NUTS	6.22	6.16	6.28
TREE NUTS	6.30	6.33	6.46
DECIDUOUS TREE FRUIT	6.35	6.31	6.31
OTHER FRUITS AND NUTS	5.91	5.75	5.93
HORTICULTURAL SPECIALTIES	7.76	7.55	7.91
GENERAL FARM PRIMARILY CROP	6.92	6.63	6.92
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.39	6.43	6.35
TOTAL AGRICULTURAL SERVICES	6.80	6.90	7.03
CROP SERVICES	7.63	7.63	7.76
HARVEST PRIMARILY BY MACHINE	8.33	8.13	8.33
PREPARATION SVCS FOR MARKET	7.36	7.47	7.57
TOTAL FARM LABOR & MANAGEMENT	6.12	6.18	6.70

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

**NORTH COAST**

**Wage and Salary Employment in Agricultural Establishments**

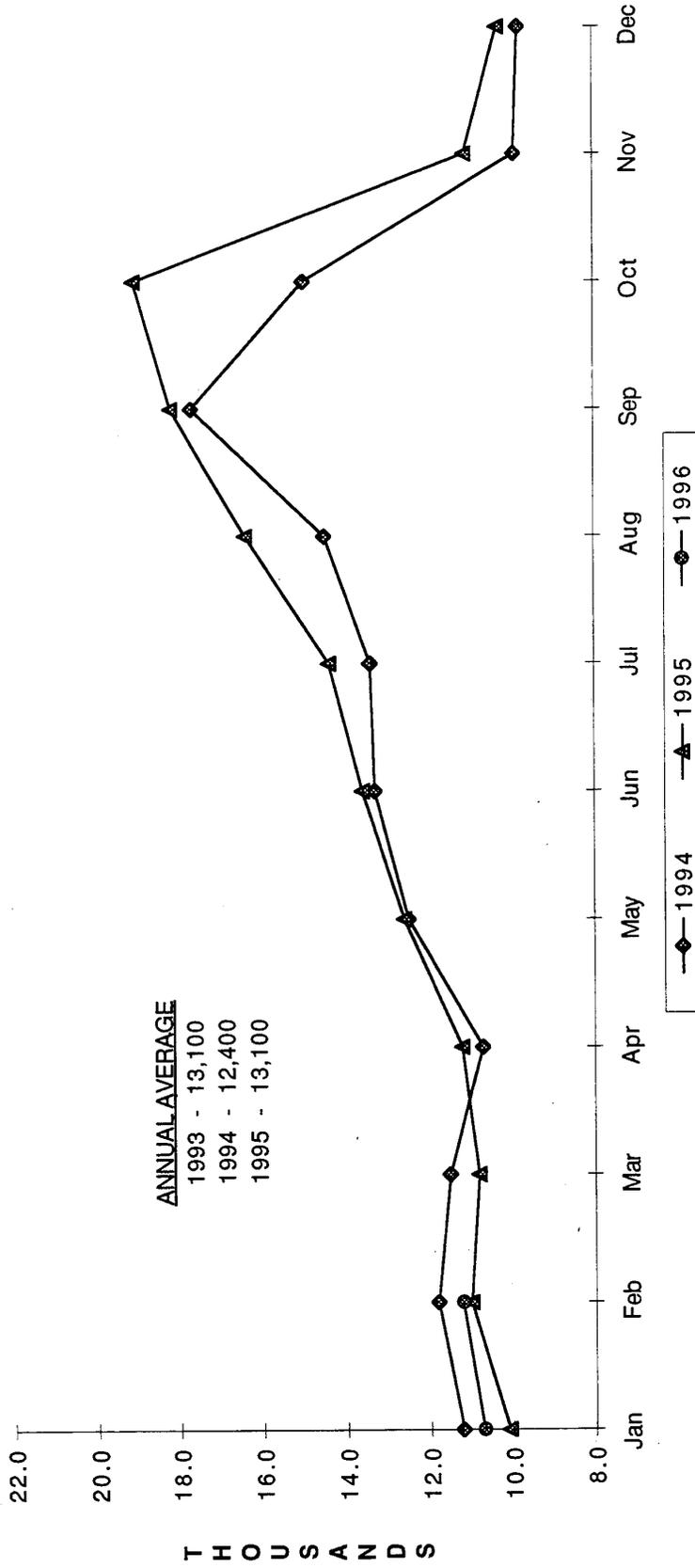


TABLE 7-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
NORTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	11.2	10.7	11.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	8.4	8.0	7.7
TOTAL FRUITS AND TREE NUTS	6.4	5.9	5.9
GRAPES	5.2	4.8	4.8
OTHER FRUITS AND NUTS	1.2	1.1	1.1
TOTAL HORTICULTURAL SPECIALTIES	1.4	1.4	1.2
GENERAL FARM PRIMARILY CROP (2)	0.6	0.7	0.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.5	1.5	1.9
TOTAL AGRICULTURAL SERVICES	1.3	1.2	1.4

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 NORTH COAST REGION  
 (IN THOUSANDS)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	9.0	8.7	8.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.5	6.3	6.1
TOTAL FRUITS AND TREE NUTS	4.8	4.4	4.5
GRAPES	3.7	3.4	3.5
OTHER FRUITS AND NUTS	1.1	1.0	1.0
TOTAL HORTICULTURAL SPECIALTIES	1.2	1.2	1.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.3	1.3	1.6
TOTAL AGRICULTURAL SERVICES	1.2	1.1	1.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C  
 AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
 NORTH COAST REGION  
 (IN DOLLARS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	295.40	291.91	306.07
TOTAL AGRICULTURAL PRODUCTION/CROPS	283.68	282.17	295.65
TOTAL FRUITS AND TREE NUTS	292.11	288.42	300.03
GRAPES	311.08	308.55	330.00
OTHER FRUITS AND NUTS	224.87	223.11	193.70
TOTAL HORTICULTURAL SPECIALTIES	260.52	276.19	294.50
TOTAL AGRIC PRODUCTION/LIVESTOCK	330.88	331.81	330.12
TOTAL AGRICULTURAL SERVICES	322.24	294.40	325.85

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D  
 AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
 NORTH COAST REGION  
 (IN HOURS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	40.3	39.5	42.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.4	38.6	41.7
TOTAL FRUITS AND TREE NUTS	39.0	37.9	40.6
GRAPES	38.5	37.4	42.2
OTHER FRUITS AND NUTS	40.3	39.7	34.9
TOTAL HORTICULTURAL SPECIALTIES	38.2	38.2	43.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.0	46.8	46.3
TOTAL AGRICULTURAL SERVICES	38.0	35.3	38.7

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-D  
 AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
 NORTH COAST REGION  
 (IN HOURS PER WEEK)

INDUSTRY	FEB 1996	JAN 1996	FEB 1995
TOTAL AGRICULTURAL	40.3	39.5	42.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.4	38.6	41.7
TOTAL FRUITS AND TREE NUTS	39.0	37.9	40.6
GRAPES	38.5	37.4	42.2
OTHER FRUITS AND NUTS	40.3	39.7	34.9
TOTAL HORTICULTURAL SPECIALTIES	38.2	38.2	43.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.0	46.8	46.3
TOTAL AGRICULTURAL SERVICES	38.0	35.3	38.7

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.